

FIG 1

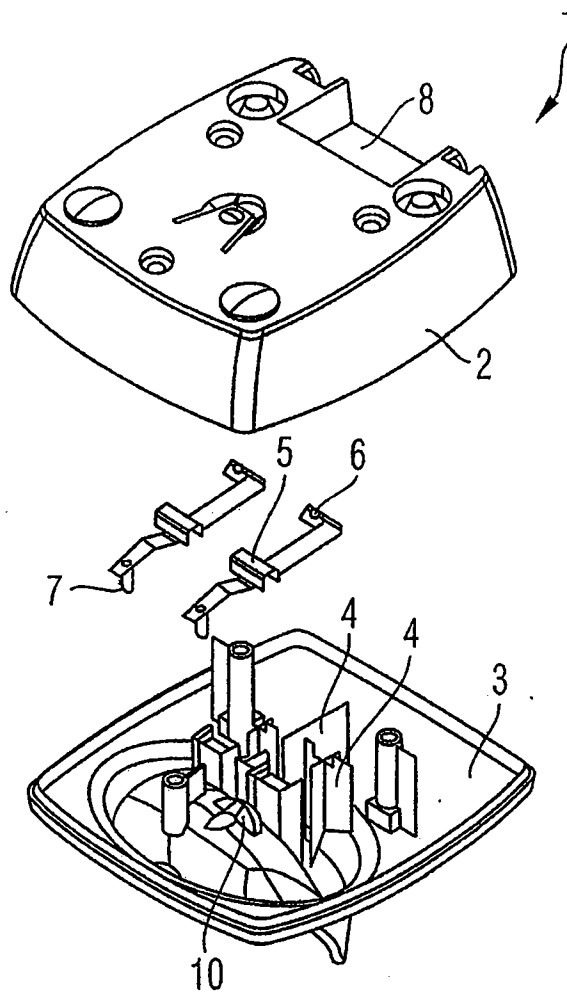


FIG 2

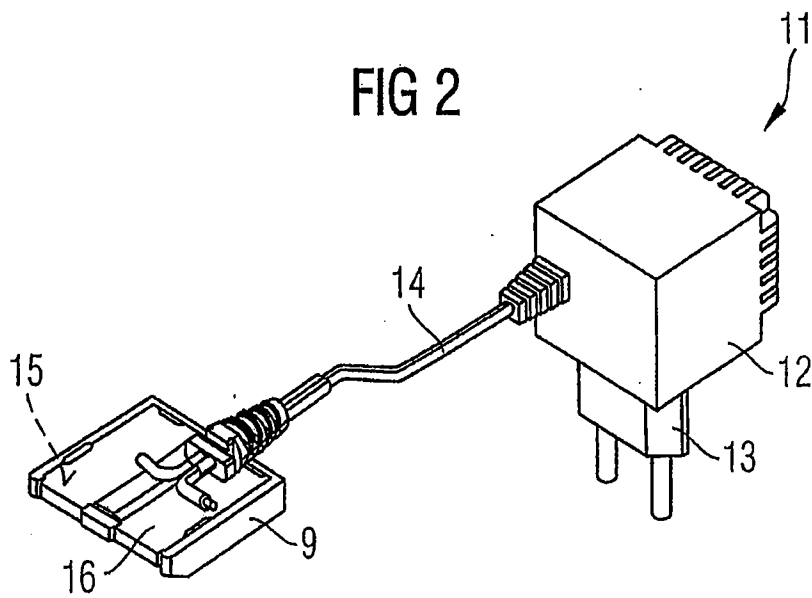


FIG 3A

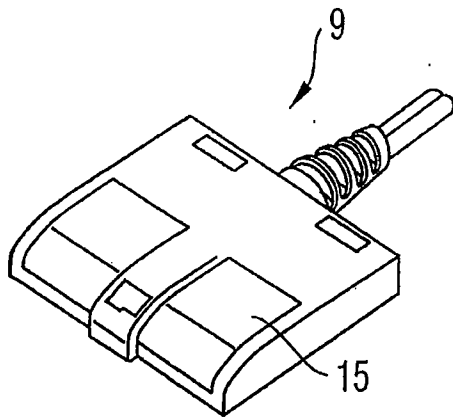


FIG 3B

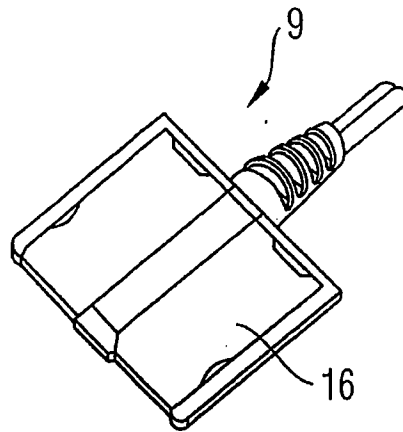


FIG 3C

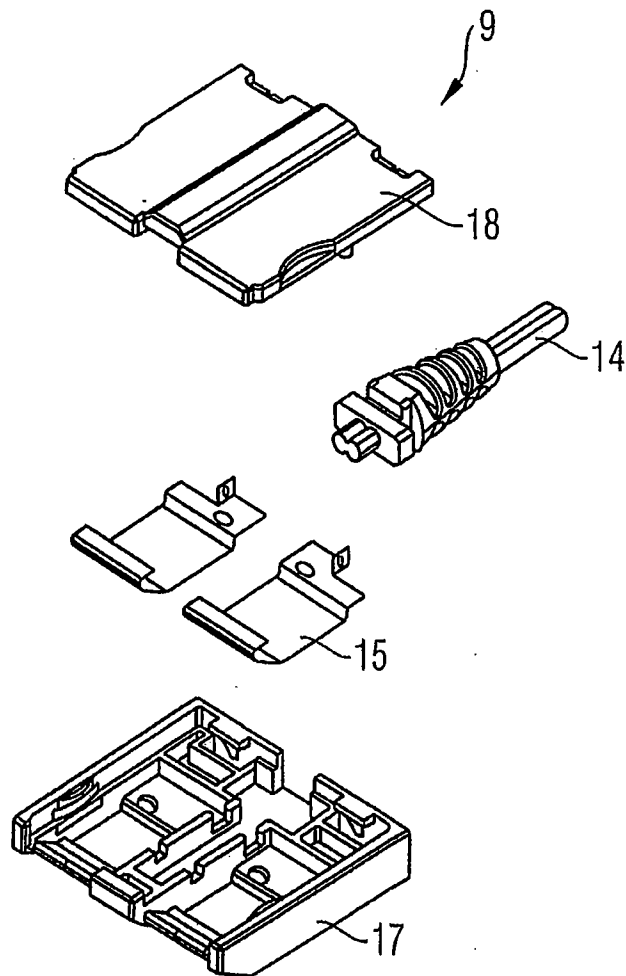


FIG 4A

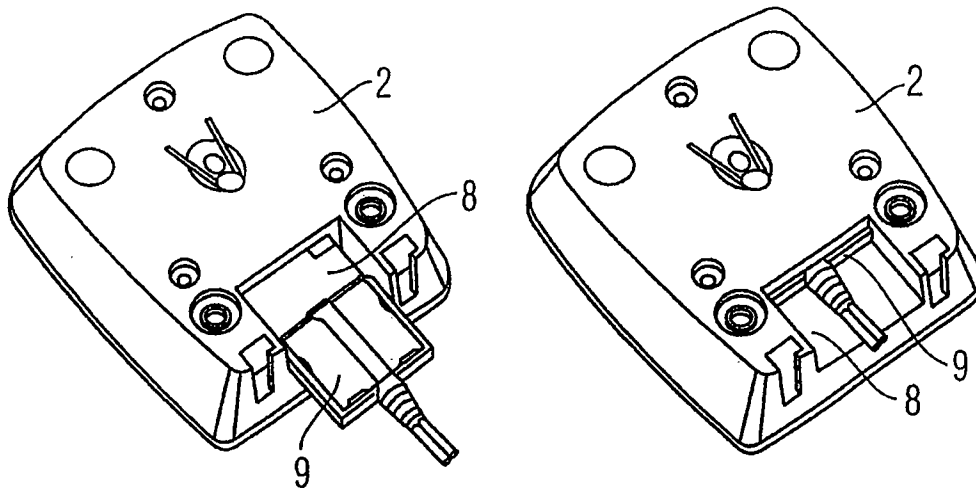


FIG 4B

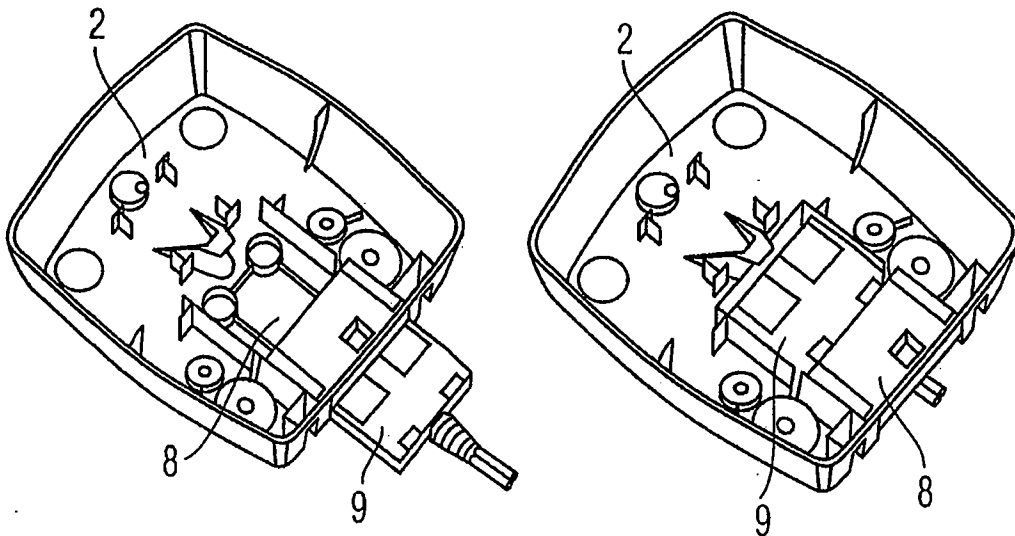


FIG 5A

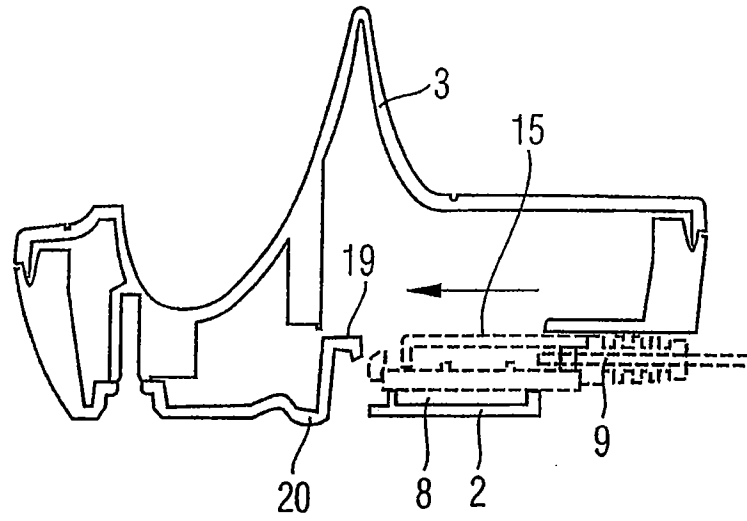


FIG 5B

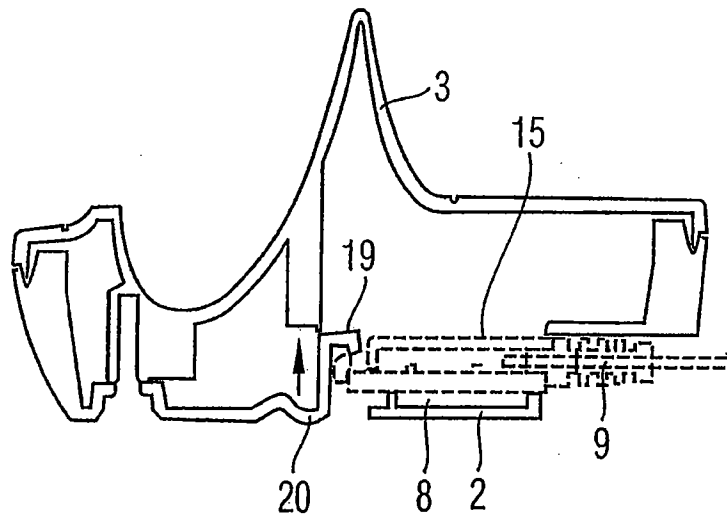
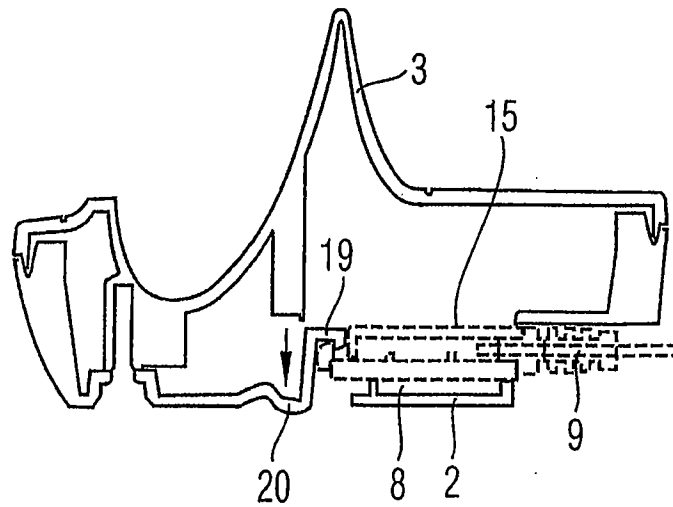


FIG 5C



Description

Charging cradle, power supply component for providing said charging cradle with power, connector for said power supply component for connection of said charging cradle and charging system constituted of aforementioned components.

The invention relates to a charging cradle for mobile communication terminals, a power supply component for supply of power to said charging cradle, a connector for said power supply component for connection to said charging cradle and a charging system for charging mobile communication terminals.

Systems for charging mobile communication terminals are generally known. Such systems consist of a charging cradle and a power supply component, which is connected electromechanically via a flexible electrical line either directly or with a detachable connector to the charging cradle. Charging cradles for charging mobile communication terminals are thus known per se in this context. Furthermore power supply components for operating said charging cradles are known per se in this context. Also known per se in this context are direct connections and also detachable connections between the charging cradle and the power supply component.

The disadvantage here is that manufacturing of said parts and of the charging systems formed from these parts is still too expensive. Increased effort is also required to adapt the parts used in the charging system to any constructional changes made in the mobile terminal.

Document EP 1 296 421 A discloses a connector which is arranged within a charging cradle embodied as a self-contained component. The connector features a plug embodiment at its one